Index of Claims



Application No.

10/716,279

Examiner

Thai-Ba Trieu

Applicant(s)

KOCH ET AL.

Art Unit

3748

| l | Rejected | _ | (Through numeral)<br>Cancelled | Z | Non-Elected  |
|---|----------|---|--------------------------------|---|--------------|
| = | Allowed  | ÷ | Restricted                     | i | Interference |

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|--|--|---------|---------|-----------|---------------------|----------|----------|----------|---|-------------|----------|--------------|---------------------|----------------------|----------|----------|-----------------|-----------|---------------|
| 102  |  |         |         |           |                     |          | Original | Final    |   |             | Original | Final        |                     |                      |          |          |                 | 7/16/04   |               |
| 102  | +++  | +       | +       | +         |                     | +        | 101      |          |   |             | 51       |              |                     |                      | +        | +        | -               | +-        | +;            |
| 3  |  |         |         |           |                     |          |          |          |   |             |          |              |                     |                      |          | _        | $\vdash$        |           |               |
| 4   -  |  |         | T       |           |                     |          |          |          |   |             |          |              |                     |                      | +        |          | H               | _         | _             |
| 55   56   105   106   107   107   107   108   109   100    |  |         |         |           |                     |          | 104      |          |   |             |          | ,            |                     |                      | 1        |          |                 | _         | $\rightarrow$ |
| 107  |  |         |         |           |                     | 1        | 105      |          |   |             |          |              |                     |                      |          |          |                 | -         | 1             |
| S  |  |         |         |           |                     |          | 106      |          |   |             |          | 1            |                     |                      |          |          |                 | -         | 1             |
| 10   |  |         |         | 1         |                     |          |          |          |   |             |          |              |                     |                      |          |          |                 | -         | 7             |
| 10   |  |         |         |           |                     |          |          |          |   |             |          |              |                     |                      |          |          |                 | -         |               |
| 11   |  |         | $\perp$ |           |                     |          |          |          |   |             |          |              |                     |                      |          |          |                 |           |               |
| 12   |  |         | ┸       |           |                     |          |          |          |   |             |          |              |                     |                      |          |          |                 |           |               |
| 13 -   |  |         |         | Ļ         | $oxedsymbol{oxed}$  |          |          |          |   |             |          |              | $\bot$              |                      |          |          | Ш               |           |               |
| 14 -   | $\bot \bot \bot$                                   | $\perp$ | $\perp$ | $\perp$   | $oxed{oxed}$        |          |          |          |   |             |          |              | $\perp \perp \perp$ |                      | Ш        | $\perp$  | Ш               |           |               |
| 15 -   |  | -       | $\perp$ | $\perp$   |                     |          |          |          |   |             |          |              | $\perp \perp \perp$ | $\perp \!\!\! \perp$ | Ш        | $\bot$   | Ш               |           |               |
| 16 -   | $\bot\bot\bot$                                     | 4-      | 1       | 4         | $\sqcup \!\! \perp$ |          |          |          |   |             |          |              | $\bot \bot \bot$    | $\perp$              | Ш        | $\perp$  | Ш               |           | _             |
| 17   -   |  |         | _       | 1         | <u> </u>            |          |          |          |   |             |          | ļ            |                     |                      | 1        | _        |                 |           |               |
| 18   | ++-  | _ _     | 1       | -         | -                   |          |          | <u> </u> | $\bot$  |             |          |              | $\bot \bot \bot$    | $\perp$              | Ш        | $\perp$  | $\square$       |           |               |
| 19   | $\bot \bot \bot$                                   | $\perp$ | $\perp$ | $\perp$   |                     |          |          |          |   |             |          |              | $\bot$              |                      | Ш        | $\perp$  |                 |           |               |
| To   To   To   To   To   To   To   To  | $\perp \perp \perp$                                | $\perp$ |         | $\perp$   |                     |          |          |          |   |             |          |              | $\bot$              |                      |          | $\perp$  | Ш               |           |               |
| The content of the  | $\perp \perp \perp$                                | _       | 4       | 4         |                     |          |          |          |   |             |          |              | $\perp \perp \perp$ |                      |          | $\perp$  | Ш               |           |               |
| Text   | $\bot \bot \bot$                                   |         | $\perp$ | 4.        |                     |          | 120      |          |   |             |          |              | $\bot$              |                      | $\sqcup$ | $\bot$   | Ш               |           |               |
| Table   Tabl | 1  |         |         | _         |                     |          |          |          |   |             |          |              |                     |                      | 1_1      |          | _               | <u>) </u> | _ @           |
| 24   √   124   124     25   √   125   125     26   √   126   126     27   √   127   127     28   √   128   127     28   √   128   129     30   √   80   130     31   N   81   131     32   N   82   132     33   √   83   133     34   √   84   134     35   √   86   135     36   √   86   136     37   √   88   137     38   0   88   139     40   N   90   140     41   141   141   | $\sqcup \sqcup$                                    |         | _       | _         | $\sqcup \bot$       |          | 122      |          |   |             |          |              |                     |                      | 1_1      |          | 1               |           |               |
| 75   | +++  | -       |         | $\bot$    |                     |          |          | <u> </u> |   |             |          | l            | +                   |                      |          |          | Ш               |           |               |
| 26   √   126   127     27   √   127   128     29   √   128   129     30   √   80   130     31   N   81   131     32   N   82   132     33   √   83   133     34   √   84   134     35   √   86   136     36   √   86   136     37   √   87   137     38   0   88   139     40   N   90   140     41   91   141   | +++  | -       | $\perp$ | $\perp$   |                     |          |          | <u> </u> |   |             |          |              | $\bot$              | _                    |          |          |                 |           |               |
| 27   √   127   128     28   √   128   128     29   √   129   129     30   √   80   130     31   N   81   131     32   N   82   132     33   √   83   132     83   133   134     35   √   85   135     36   √   86   136     37   √   87   137     38   0   88   138     39   √   89   139     40   N   90   140     41   91   141  | +++  |         | _       | +         |                     |          |          | <u> </u> |   |             |          |              |                     |                      | +        | _        | $\sqcup$        |           |               |
| 28   √   128     29   √   129     30   √   80     31   N     32   N     33   √     33   √     33   √     35   √     36   √     37   √     38   0     39   √     40   N     41   91   | +++  |         | +       | +         |                     | +        | 126      | -        |   |             |          |              |                     |                      |          |          | $\vdash$        |           |               |
| 29   | +++  |         |         | +         |                     | ₩        |          |          |   |             |          |              | 441                 | _                    | $\vdash$ |          |                 |           |               |
| 30   \(  \)  |  |         | -       | +         |                     | +        |          |          |   | +++         |          |              | +                   | _                    | +        | _        |                 |           |               |
| 31 N 81   32 N 82   33 √ 83   34 √ 84   35 √ 85   36 √ 85   37 √ 86   37 √ 87   38 O 88   39 √ 89   40 N 90   41 V 91  | +  | -       | +       | +         |                     | +        |          | -        | <del></del> _                                     |             |          | l            | +                   | _                    | $\vdash$ | _        | Н               |           |               |
| 32 N 82   33 √ 132   34 √ 84   35 √ 85   36 √ 86   37 √ 87   38 O 88   39 √ 88   40 N 90   41  91  | +  |         | +       | ┿         |                     | +        |          |          |   |             |          |              |                     |                      | +        | -        |                 |           |               |
| 33   | +++  | +       | +       | +         | $\vdash$            | ┿        | 131      | -        |   |             |          |              |                     |                      | $\vdash$ | -        | $\vdash$        |           |               |
| 34   | +++  | +       | +       | +         |                     |          |          | <u> </u> |   | -           |          |              |                     |                      | +        |          | $\vdash$        |           |               |
| 35 \(  \)  | +++  | +       | +       | ╁         | -                   |          |          | -        |   |             |          |              | +                   | +                    | +        |          | $\vdash$        |           |               |
| 36 √   37 √   38 O   39 √   40 N   41 91   | + + +  | +       | +       | +         | $\vdash\vdash$      | +        |          |          | <del>                                     </del>  | <del></del> |          |              | ++                  | +                    | H        | $\dashv$ | H               |           |               |
| 37   \( \sqrt{137} \)  | +  | +       | +-      | +-        |                     | +        |          |          | ++++  |             |          |              | ++                  | +                    | +        | -        | $\vdash$        |           |               |
| 38 O 88   39 √ 89   40 N 90   41 O 91  | ++-  | +       | +       | +         | -                   | +        | 130      |          | <del></del>                                       |             |          |              | +                   | +                    | +-       |          | $\vdash$        |           |               |
| 39 \(  \) 89 \\ 40 \( \nabla \) 139 \\ 41 \\ 41 \\ 91 \\ 141 \\ 1      | +++  | +       | +       | +         | <del></del>         | +        |          |          | <del>-   -   -  </del>                            |             |          | <del> </del> | +H                  | +                    | +-+      |          |                 |           |               |
| 40 N 90 140 141 141 141 141 141 141 141 141 14   | +++  | +       | +       | +         | $\vdash$            | +        |          |          | <del>-                                     </del> |             |          |              | +H                  | +                    | ++       |          | $\vdash \vdash$ |           |               |
| 41 91 141  | +++  | +       | +-      | +         | $\dashv$            | +        |          |          | <del></del>                                       |             |          |              | +-+-                |                      | +        | +        | $\vdash \vdash$ |           |               |
|  | +++  | +       | +       | +         | $\vdash$            | +        |          |          | <del>-   -   -   -  </del>                        |             |          |              | ++-                 |                      | +        |          | $\vdash$        | _         | _             |
| -   42   | <del>                                     </del>   |         | +       | +         |                     |          | 142      |          | <del></del>                                       |             | 92       |              | +++                 | +                    | 1-1      | -+-      | $\vdash$        | +         | 1 A           |
| 43 93 143  | +-+-+  |         | +       | +         | $\vdash$            | +        | 143      |          |   |             | 93       |              | +                   |                      | +        | +        | $\vdash$        |           |               |
| 44 94 144  | <del>        -   -   -   -   -   -   -   -  </del> | +       | +-      | +         | $\vdash$            |          |          |          | <del>                                     </del>  |             |          |              | +                   |                      | $\Box$   | +        | Н               |           |               |
| 45 95 145  | <del>    -   -</del>                               | +       | +       | +         | $\vdash$            | $\vdash$ | 145      |          | <del>                                     </del>  |             | 95       | <u> </u>     | +                   | -                    | +        | $\dashv$ | $\vdash$        |           |               |
| 46 96 146  | ++++   | +       | +-      | +         | -                   |          |          |          | <del>-         </del>                             |             |          |              | +++                 |                      | 1-1      | _        | $\vdash$        |           |               |
| 47 97 147  | <del>                                      </del>  |         | +       | +         |                     | <b>†</b> | 147      |          |   |             | 97       | <b></b>      | +++                 | _                    | +        | +        | $\vdash$        | $\top$    | 4             |
| 48 98 148  |  | +       | +       | $\dagger$ |                     |          |          |          | <del>-          </del>                            |             |          |              | +++                 | $\top$               | $\sqcap$ | $\top$   | 1 1             |           |               |
| 49 99 149  | <del>                                     </del>   |         | $\top$  | +-        |                     | +        | 149      |          |   |             | 99       |              | 1 1 1               | $\top$               | $\vdash$ |          | П               |           |               |
|  | t-1-1-   | +       | $\top$  | +         |                     |          | 150      |          |   |             | 100      |              |                     | 1                    | H        |          |                 |           | 5             |